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FORM 1449 (S&J Version)

Docket No.: 12492.0004

Applicant: GROGER et al.

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Application No.: [Div. of 09/095,114]

Filing Date February 12, 2002

Examiner:

Group Art Unit:

10/073041
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02/12/02

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document No.	Date MM/YYYY	Inventor	Class	Subclass	Filing Date If Appropriate
	5,757,013	5/26/98	Groger et al.	250	458.1	12/6/95
	5,196,709	3/23/93	Berndt et al.	250	458.1	5/3/91
	4,594,511	6/10/86	Cooper et al.	250	339	3/29/85
	5,043,585	8/27/91	Fehrenbach et al.	250	458.1	1/3/90
	5,323,010	6/21/94	Gratton et al.	250	458.1	12/1/92
	5,212,386	5/18/93	Gratton et al.	250	458.1	12/13/91
	5,063,297	11/5/91	Hardenbrook et al.	250	458.1	4/27/90
	5,317,162	5/31/94	Pinsky et al.	250	461.2	9/9/92
	5,315,122	5/24/94	Pinsky et al.	250	461.2	8/25/92
	5,270,548	12/14/93	Steinkamp	250	461.2	7/31/92
	5,030,832	7/9/91	Williams et al.	250	458.1	6/8/89
	5,548,124	8/20/96	Takeshima et al.	250	458.1	8/25/95
	5,606,633	2/25/97	Groger et al.	385	12	6/26/95
	5,344,784	9/6/94	Attridge	436	518	11/28/89
	5,327,225	7/5/94	Bender et al.	356	445	1/28/93
	5,023,053	6/11/91	Finlan	422	82.05	5/22/89
	4,997,278	3/5/91	Finlan et al.	356	128	8/16/88
	5,035,863	7/30/91	Finlan et al.	422	82.05	5/10/89

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						Yes	No
	DD 300,481	10/1983	Germany				x
	60-125544	07/04/85	Japan				
	300,481	07/1985	Germany				

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	Weiss et al., "Thin Film Monitoring Using Surface Plasmon Resonance Waveguide Sensors," pp. 1-20, Photonics Research Laboratory, University of Florida, Gainesville, FL
	Kelsch, James A., "Computer Block Diagram", Computer BMP, Arcova, Gainesville, FL
	Groger et al., "Thin Film Sensors to Evaluate Chemical and Biological Threats to Army Structures", February 1992, pp. 1-41, American Research Corporation of Virginia, Radford, VA.
	Churchill et al., "Self-assembled Thin Film Sensors for Aquaculture Process Control", SBIR Phase I Final Report, Dec. 30, 1992, pp. 1-55, American Research Corporation of Virginia, Radford, VA.
	Haruvy et al., "Sol-Gel Preparation of Optically Clear Supported Thin-Film Glasses Embodying Laser Dyes", 1992, Chapter 28, pp. 405-424, Supramolecular Architecture, USA.
	Levy, David, "Sol-gel glasses for optics and electro-optics", Journal of Non-Crystalline Solids, Section 10, 147-148 (1992) pp. 508-517, North Holland.
	Reisfeld et al., "Optical Properties of Colorouts or Luminescent Species in Sol-Gel Glasses", Structure and Bonding 77, Springer-Verlag, 1992, pp. 239-247, Berlin, Heidelberg.
	Zusman et al., "Doped Sol-Gel Glasses as Chemical Sensors", Journal of Non-Crystalline Solids, Vol. 122, 1990, pp. 107-109, North Holland.

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	5,067,788	11/26/91	Jannson et al.	385	2	3/21/90
	5,359,681	10/25/94	Jorgenson et al.	385	12	1/11/93
	5,322,798	6/21/94	Sadowski, Janusz W.	436	113	7/4/91
	5,245,410	9/14/93	Villuendas Yuste et al.	356	445	7/16/90
	5,577,137	11/19/96	Groger et al.	385	12	2/22/95
	5,447,845	9/5/95	Chu et al.	435	6	12/6/94
	5,094,517	3/10/92	Franke	385	12	8/10/90
	5,156,972	10/20/92	Issachar	435	288	9/5/90
	4,880,752	11/14/89	Keck et al.	435	7	2/24/89
	5,120,131	6/9/92	Lukosz	356	351	2/14/88
	4,889,690	12/26/89	Optiz et al.	422	73	5/7/87
	4,815,843	3/28/89	Tiefenthaler et al.	356	128	5/29/86
	5,127,405	7/7/92	Alcala et al.	128	633	2/16/90
	5,094,959	3/10/92	Allen et al.	436	172	4/26/89
	4,844,613	7/4/89	Batchelder et al.	356	318	11/2/87
	4,582,809	4/15/86	Block et al.	436	527	8/9/82
	5,302,349	4/12/94	Dandliker et al.	422	82.08	3/6/90
	5,237,631	8/17/93	Gavish et al.	385	12	3/31/92
	4,050,895	9/27/77	Hardy et al.	23	230 R	9/17/76

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	Jahns et al., "Integrated planar optical imaging system with high interconnection density", Optical Letters, Vol. 18, No. 19, Oct. 1, 1993, pp. 1594-1596.
	Tanguay, Armand R., Jr., "Integrated Optical Information Processing" Research Report 1988, USC Optical Materials and Devices Laboratory, pp. 62-71, Los Angeles, CA.
	Feddersen et al., "Digital parallel acquisition in frequency domain fluorimetry", Rev. Sci. Instrum., Vol. 60, No. 9, September 1989, pp. 2929-2936.
	Haruvy et al., "Supported sol-gel thin-film glasses embodying laser dyes II: Three-layered waveguide assemblies", SPIE, Vol. 1590, Submolecular Glass Chemistry and Physics, 1991, pp. 59-70.
	Chen et al., "1-to-12 surface normal three-dimensional optical interconnects", Applied Physics Letters, Vol. 63, No. 14, October 1993, pp. 17-19.
	Mangino et al., "Experimental Examination of the Relationship Between Exposure and Desorption of VX from Material Surfaces," Abstract No. 54902e, Chemical Abstracts, July 28, 1997, page 1076, Vol. 127, No. 4

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	4,803,049	2/7/89	Hirschfeld et al.	422	58	12/12/84
	4,929,561	5/29/90	Hirschfeld	436	116	8/8/85
	4,654,532	3/31/87	Hirschfeld	250	458.1	9/9/85
	5,227,134	7/13/93	Janata	422	82.08	7/29/91
	5,096,671	3/17/92	Kane et al.	422	82.07	3/15/89
	5,324,635	6/28/94	Kawase et al.	435	7.94	8/24/89
	5,045,282	9/3/91	Kritzman et al.	422	56	10/14/88
	5,093,266	3/3/92	Leader et al.	436	68	2/27/89
	5,114,676	5/19/92	Leiner et al.	422	82.06	7/28/89
	5,308,581	5/3/94	Lippitsch et al.	422	82.08	12/12/91
	Re.31,879	5/7/85	Lubbers et al.	436	133	7/29/82
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	5,315,672	5/24/94	Padovani	385	12	9/23/91
	5,019,350	5/28/91	Rhum et al.	422	82.07	2/13/86
	4,548,907	10/22/85	Seitz et al.	436	163	9/14/83
	4,877,747	10/31/89	Stewart	436	525	4/4/86
	4,818,710	4/4/89	Sutherland et al.	436	527	12/6/85
	4,980,278	12/25/90	Yamada et al.	435	7	4/24/89
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	5,376,554	12/1994	Vo-Dinh	436	104	

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	McGill, R.N. et al, Polym. Prepr. - Am. Chem. Soc. Div. Polym. Chem. 1990, 31, 578-579
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	Mitchell, D.J. et al, J. Chem. Phys., 1977, 67, 4832-4834
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	Kettner, R. et al, J. Phys. Chem., 1994, 98, 6671-6674

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